



CONTACT INFORMATION  
Mining Records Curator  
Arizona Geological Survey  
416 W. Congress St., Suite 100  
Tucson, Arizona 85701  
520-770-3500  
<http://www.azgs.az.gov>  
[inquiries@azgs.az.gov](mailto:inquiries@azgs.az.gov)

The following file is part of the  
Reconstruction Finance Corporation Arizona Records

#### **ACCESS STATEMENT**

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

#### **CONSTRAINTS STATEMENT**

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

#### **QUALITY STATEMENT**

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

Docket No.

B-ND-4361

Date Authorization for Exam Recd. Sept 2, 1942

Date of Examination, incl. Oct 30-31, 1942

Date of Report

1. Name and Address of Applicant

Name: Brighter Days Mining Corporation

Address: Suite No. 1101

663 Main Ave.,

Passaic, New Jersey

Correspondent David Saperstein

150 Broadway

New York City, N.Y.

2. Character of Project

Development of gold-silver-  
lead-zinc deposit.

3. Location of Mine

The property commonly known as the  
Sainoa mine is located in Township  
23 North, Range 18 W in the Wallapa mining  
district in Umatilla County, Oregon. It  
lies at an elevation of 5900 feet, on  
the western crestral slope of the Cerbat mountains.

The mine is approximately 3 miles eastward by steep  
mountain road from the town of Chloride. The road  
is quite rough in places and is impossible  
during storms and sometimes for several

~~W.R.~~ weeks after storm past. I will now be  
fallen. Kingman, Arizona, is the nearest  
rail point and supply center and is connected  
with ~~Chloride~~ <sup>25 miles</sup> SW of Chloride by paved highway  
and graded hard surfaced road. The distance  
from the Mine to Kingman is 28 miles.

The road from Chloride to the mine is  
impassable in places ~~at~~, during  
heavy storms and frequently for several weeks after  
storms particularly if snow has fallen.

#### 4. Applicant

The Applicant is a corporation whose  
stock is largely owned by a group of  
business men of Passaic, New Jersey, and  
several of whom hold public offices of Passaic  
county. Mr. Lewis A. Dinkham, ~~who~~ is the  
engineer in charge of operations at the  
mine, is an elderly man who has ~~had~~ some 30  
~~years~~ experience in operating and examining  
mining properties throughout the western ~~United~~  
hemisphere. He was at one time a field  
engineer for Hayden Stone and Co., and  
also for the Lewisichis. He is fully  
competent to handle a mining enterprise.

#### 5. Loan Requested

The Applicant requests a development  
loan in the amount of \$20,000.

#### 6. Description of Project

##### A. General Features

1. There are no mine workings etc.  
which are not confined within  
the applicant's ownership.

2. The Applicant is complying with state compensation and safety-first statutes.

3. The Application contains an historical record of the property. The portion of the ~~record~~ <sup>rent</sup> having to do with operations by the present applicant corporation is quite involved and not at all clear. The manner of handling of the stock <sup>issues</sup> came under the scrutiny of the Security Exchange Commission and resulted in a change in the management in 1941. It is said that the former principal is still under investigation by the commission. It is said also that of stock sales exceeding \$200,000 only about  $\frac{1}{3}$  was expended at the mine. At the present time a suit is pending against the corporation by the former mortgage holders. The suit is to come to trial in "a couple of months or so."

It will be seen from the above that the title ~~status~~ <sup>of the project</sup> situation is clouded and would require clarification before consideration could be given to granting a loan.

It should be noted however that the present management is making a sincere effort to develop the mine.

~~They have up to now~~ Following the disappointing results of ~~the recent~~ lower ~~time~~ deep development they ~~spent considerable money~~ in ~~a~~ raising ~~from the~~

undertook the driving of a raise from  
this bottom to connect the low tunnel  
 with the upper workings. This raise is  
 projected is now being carried forward  
 in an efficient manner and is about 60%  
 completed, and sufficient funds have been  
 subscribed to carry the raise to completion.

4. There are no impeded right-of-way  
 facilities.
5. There is no likelihood of surface or  
 sub-surface trespass during the  
 project

### B. Existing Development

1. The mine is opened by shaft and tunnels
  - a. The supporting data presented with  
 the application includes complete  
 maps of the presently accessible  
 workings.
  - b. The supporting data presented with  
 the application includes ~~a number~~ <sup>several</sup> assay  
 maps together with several  
 lists of assays. Samples were  
 taken during this examination  
 at the points where ore was exposed  
~~seen~~ and ~~the~~ at several other  
 interesting points. The samples  
 were picked down onto canvas  
 or caught in a box.
  - c. The recent workings in the mine  
 were readily accessible and in  
 good condition. Most of the  
 old workings were inaccessible.

d. General Features of the Deposit, etc.

The property comprising 3 patented and 7 unpatented claims is located on the steep western slope of the Cerbat mountains.

The country rock is a granite-gneiss complex intruded by numerous pegmatite and diorite dikes. On the property of the applicant-corporation this ~~silicate~~ complex is cut by 6 parallel veins which strike approximately N 10° W and stand nearly vertical or dip steeply to the ~~SW~~ at angles of about 85°. The principal vein, and the one upon which most of the work has been done, is the No 3 or Samoa vein. This vein ~~is the~~ ~~hanging~~ stands nearly vertical and averages from 3 to 4 feet in thickness. The ore generally runs the footwall and is seldom more than 24 inches wide ~~it is~~ and is generally overlain by a foot or more of gneiss or altered granite on the hanging wall with frequently a thinner band of such material on the footwall. The ore contains pyrite, galena, ~~and~~ sphalerite and a little copper in a quartz gangue. The principal value is in gold and silver ~~not~~ and the ore generally carries several per cent each of lead and zinc.

The present company is 10 claim, three of which are patented. The mine is located on the western slope of the Cabinet mountains.

The mine was one of the early locations in the district. Production prior to 1903 is estimated at approximately 70,000 and between 1903 and 1909 the Chloride Gold Mining Company shipped 96 carloads of ore ~~being~~ valued ~~at~~ in excess of \$200,000. Since ~~1909 to~~ Between 1909 and 1935 ~~part~~ the property ~~has been~~ operated intermittently by lessees and individuals. No record of production ~~exists~~ is available for <sup>the latter</sup> period but it was small and no serious development was done. The chief value of the <sup>gold</sup> production to ~~1909~~ was gold, with a substantial amount of silver and some lead. The Samra Gold Mine Corporation took over the property in 1935 and operated the mine until the ~~middle of~~ <sup>Feb</sup> 1938 when it was sold at public auction to satisfy creditors. During this period the Samra Gold Mines Corporation shipped 25 carloads of ore being <sup>an average</sup> metal content <sup>as per</sup> follows: Gold 182 oz., Silver 10 oz., Lead 11.07%.

~~or~~ 182 10 11.07%  
or 182 10 11.07%

The Applicant, Bright Days Mining Co., was organized in <sup>July</sup> 1938, stock was sold and ~~the~~ work at the property was begun in 1939. Operations in the old <sup>upper</sup> workings and on the 300 foot level were not profitable and the directors decided to drill a long crosscut tunnel to open the veins at the 700 foot level.

Two years were spent in driving the tunnel and exploding the main vein and several

by the tunnel.

others which were cut at this level. Results of this work were disappointing, and, following a change in management in March 1941, a raise was ~~began~~ started ~~to connect the~~ from the 700 foot level to connect with the 300 foot level. The company is ~~now~~ at the present time engaged in driving this raise.

Following is a description of the workings and the sampling. (See accompanying sketch)

### 700 ft level (~~as applicant's map marked in green~~)

The main cross cut tunnel intersected the No 3 or Samra vein at a distance of 1650 feet from the portal and the vein was drifted on for some 420 feet to the north and 370 feet south (see applicant's map marked with green A) Several vein ~~crossings~~ which were cut ~~before~~ to reaching the Samra vein were explored by short drifts.

The 700 foot level shows no ore at the present time and such mineralization as is present is sparse and widely scattered. A ~~stop~~ was opened a short distance south of the crosscut on the main vein a stop ~~was~~ showing state of ore was stopped for a length of approximately ~~15~~ 18 feet and a height of 30 feet above the floor of the level. The vein was small and is ~~now~~

it is said that about a car load was shipped from here showing a ~~large~~ value of about \$4<sup>00</sup> per ton, chiefly in gold and silver.

~~the thinnest part of the vein~~  
~~and in the stop~~ A sample from the south end of the ~~stop~~ was as follows:

Sample width 0.26 Cu. Oz. 9.0 Cu. % Pb 9.8%  
No 14 17" .12 4.0 .80 292 4.15

Several feet north of the above sample the

~~Ridge sample at the~~ vein pinches to a width of several inches and is to base pinched out completely through the rest of the stage.

The south of the drift contained a lens 10 ft long of brown iron-stained, <sup>crushed</sup> quartz and vein material which at the face assayed as follows:

| Sample | width | Cyan | Oxy | % Cu | % Pt | % Au |
|--------|-------|------|-----|------|------|------|
| No. 1  | 13"   | .02  | 1.0 | nil  | nil  | nil  |

The vein through the length of the drift is seldom more than 2 or 3" wide. In places it is heavily mineralized with vein but carries little ~~fossils~~ or no other mineralization. The showing on the entire level indicates that the ~~depth~~ it is well out below the low limit of the productive ~~lens~~ above which were received in the upper part of the veins do not extend to this depth.

### Raise

The raise at the time of the ~~suit~~ had been carried to a point 225 feet above the floor of the 700 foot level, and short leads had been turned off at 100 and 207' feet above the 700 foot level.

### 600 Foot Level

The vein is split on this level with a stringer of ore showing in each side of the ~~face~~ drifts separated. The stringers are 3 to 4' apart. ~~is~~ split a similar, wider, split in the vein was noted on the 700 foot level below (see applicant's map Mashed green B). The better showings here in the south drift on this level. Samples on the level assayed as follows:

| Sample | Width | Oz Cu | Oz Ag | % Cu | % Pb | % Zn |
|--------|-------|-------|-------|------|------|------|
| No 10  | 12"   | .12   | .18   | .20  | 1.43 | 8.55 |
| 11 E   | 11"   | .26   | 3.6   | .10  | 3.33 | 6.35 |
| 12 W   | 10"   | .80   | 3.2   | .70  | 1.43 | 3.20 |
| 13     | 5"    | .14   | 2.8   | .20  | 4.10 | 5.15 |

One of the above grades could not be profitably mined particularly if no return is realized for the zinc.

The vein between the 700 and 500 foot level varies, from a few inches to a maximum of 21" in width and shows only small amount content of galena below about 525'. Samples No 8 and No. 9 were taken 23 feet and 70 feet respectively below the 500 Ft. level (see accompanying sketch for 500 FT Level) (location and assays).

A narrow shoot of ore shows on this level with the better portion occurring in the raise and the south portion of the level. Samples have averaged as follows:

| Sample              | Width     | Oz Cu | % Cu | % Pb | % Zn |       |
|---------------------|-----------|-------|------|------|------|-------|
| No 2                | 15"       | .62   | 22.0 | .25  | 2.31 | 4.85  |
| 3                   | 15"       | 1.02  | 14.6 | .80  | 9.59 | 7.40  |
| 4                   | 8"        | .22   | 1.60 | .10  | 1.09 | 3.15  |
| 5                   | 17"       | .68   | 5.60 | 1.10 | 3.40 | 5.15  |
| 6                   | 10"       | .86   | 8.40 | .70  | 9.32 | 11.10 |
| 7                   | 9" (1.08) | 7.80  | 1.20 | 9.25 | 5.55 |       |
| Averages (Weighted) | 12.3      | .76   | 11.0 | .72  | 5.7  | 6.2   |

Gold values are quite high in the above samples and it is probable that the ore could be profitably mined, particularly (because of the major vein width) if the working place were turned over to leaching. It

should be noted however that the major portion of the values, other than gold and silver, the lead content is not high, and unless the ore could be handled treated locally most the zinc value would be

lost.

### ~~#~~ 300 Ft. level.

This level had been under water until it drained quite recently and the shaft below the 300 ft level  
~~had not~~ at the time of this examination  
~~the shaft~~ had not been entered for 3 years.

The level was strewn with mud and debris  
~~and~~ which hampered a thorough  
examination. The faces of the drifts on the level  
were accessible ~~however~~ and ~~the~~ were  
sampled and the vein characteristics  
were noted as well as the extent of the  
workings. ~~This~~ The vein throughout  
the level is generally only a few inches  
wide and in places pinches to a mere  
seam. ~~The~~ small amount of stoping  
has been done ~~about~~ the level, ~~and~~ probably  
where small lenses occurred. The stopes do  
not carry through to the level above except  
~~that~~ in the <sup>north</sup> end ~~where~~ it is said that considerable  
are was ~~mined~~. It was not possible to  
enter this stope to verify its extent.

A fault occurs at the north face which displaces the vein several feet to the east. A small bunch of ore in the face ~~lays~~<sup>on</sup> the north side of the fault assayed as follows:

| Sample           | width         | Oz Cu          | Oz Ag           | T. Cu          | T. Pb           | T. Zn           |
|------------------|---------------|----------------|-----------------|----------------|-----------------|-----------------|
| No 15            | 12"           | .16            | 4.6             | .10            | 6.19            | 5.50            |
| <del>No 16</del> | <del>9"</del> | <del>.70</del> | <del>4.70</del> | <del>.20</del> | <del>3.74</del> | <del>3.30</del> |

The south face of the lead shows a small lens of ore which has a width of 200 3 inches ~~in the~~ a few feet ~~of the~~ from the face. A sample in the face assayed:

| Sample | width | Oz Cu | Oz Ag | T. Cu | T. Pb | T. Zn |
|--------|-------|-------|-------|-------|-------|-------|
| No 16  | 9"    | .70   | 4.70  | .20   | 3.74  | 3.30  |

### 200 Ft lead

This lead at one time was the main outlet for the mine and it ~~is~~ was the principal bulk of the production was made from the ground between it and the surface particularly toward the south end. There is no ore to be seen on this lead at the present, the vein where not mined is generally only a few inches in width. The lead is covered at both ends and none of the stopes is accessible.

(3 miles apart)

The applicant states that arrangements can be made to sell zinc ore at the plant of the Tennessee-Salineville Co., some 3 miles from the mine. This engineer discussed the matter of custom milling with the manager of that company and learned that they have sufficient ore of their own ~~to~~ to furnish their mill at capacity and would not be interested in treating outside ores. There is no other local ~~the~~ plant which might accept custom ore <sup>and the zinc</sup> content <sup>of the ore</sup> is not high enough to make ~~make~~ justify shipping to custom plants at a great distance. ~~Also, there does not seem to be any~~ Also, it does not seem likely, judging from the past performance of the mine that development of the property would at any time provide a sufficiently large reserve of ore to warrant the erection of a mill on the property. ~~This~~ It will be seen from the above that the ore must ~~for the ore to be in it~~ be shipped to lead smelters, <sup>as has been done</sup> in the past, in which case the zinc in the ore would be lost.

C. The applicant is not dredging the mine above the 500 ft. level.

1. In the event that a loan were granted the proposed development program and estimated cost would be as follows:

|  |           |
|--|-----------|
| Complete Raise 150' (contract)             | \$ 4000   |
| Drift 300' on 500 Ft. level @ 15' per foot | 4500      |
| Drift 500' on 400 Ft. level @ 15' ..       | 7500      |
| Build Bank House                           | 500       |
| Grade and maintain road                    | 500       |
| Supervision 6 men @ \$200 per man          | 1200      |
| Interest                                   | 600       |
| Contingencies                              | 1200      |
|  | \$ 20,000 |

i. The applicant is now doing the raise on contract above the 500 ft. level. The contract price is \$14.00 per labor day. The applicant furnishes all supplies, power, etc., and supervision. The mine crew consists of 3 men.

#### Equipment

The equipment listed by the applicant as being on the property was checked and found to be correct.

#### Comments of Surveyor Engineer

A Development loan does not appear to be justified.

The property is essentially a gold-silver mine. Lead and zinc content of the ore is not large and since the ore must be shipped to a smelter <sup>lead</sup> the zinc would not be recovered. The most favorable showing in the mine is on the 500 ft. level, where a <sup>50 ft</sup> length of ore <sup>is exposed</sup> averaging 12 inches in width and assaying  $\$343^0$  in gold and silver with 5.7 per cent lead and 6.2 per cent zinc.

*next page*

2) The work on the ~~700~~ lowest or 700 ft level demonstrates that the ore definitely bottomed above this level, and showings in the raise indicate that the lower limit of pay ore is probably just below the 500 ft level.

~~for public use~~

The level point of the 300 ft. level has been reached & shows a very narrow vein with only a small amount of stoping in a total length of 680 feet ~~open drift~~ of drifting on the vein.

27. The mine has shown a diminution of values from the surface downward and offers no promise that further deep development would make available ~~any substantial~~ ~~with little~~ except perhaps ~~any~~ any substantial amount of silver lead or zinc.

The showing on the 500 ft. level would be attractive to lessees, and when the raise is completed - the company appears to have made adequate financial provision for completing it - this work - it is probable that ~~some~~ <sup>a small</sup> production would be made on a lease basis. Such production however would be valuable mainly for its gold and silver content.



T. Phane

Supt Eng.